Apple Lisa Computer
Technical Information

Apple Lisa Computer: Introduction to MacWorks (Apple Computer 1984)

Lisa Computer:
1983 - 1985

Lisa · Introduction to MacWorks

Hard Disk
Install Instructions

"LisaIntroToMacWorks 01.PICT" 76 KB 1999-02-01 dpi: 360h x 367v pix: 2423h x 3063v

Introduce me to MacWorks, please.

MacWorks is the Macintosh Environment for the Lisa System. In this box you will find:

- two copies of the MacWorks disk (one is your master; the other is a backup copy);
- one copy of the MacWrite/MacPaint applications disk;
- one copy of the MacWorks System disk, which includes *Hard Disk Install;*
- a MacWorks manual, MacWrite manual, and MacPaint manual.

Please note: Although this product will allow the Lisa Personal Computer to use most currently available software for the Apple Macintosh Personal Computer, certain programs from Apple and from third parties may not be usable. Check with your authorized Apple Lisa dealer before purchasing Macintosh applications to be sure they will run without modification on your Lisa.

How do I get started?

Your MacWorks manual will tell you how to start up from the MacWorks disk. After the MacWorks disk ejects, an icon of a disk with a flashing "?" is displayed on your Lisa screen. Now insert a Macintosh applications disk (for example, MacWrite/MacPaint). The Macintosh software is then loaded and the Macintosh desktop is displayed.

Please note: When printing from your Lisa using MacWorks, your Apple Imagewriter printer *must* be connected to "Device Serial B," as the Lisa serial B port corresponds to the printer port on a Macintosh.

What is Hard Disk Install?

Hard Disk Install is a new application that provides MacWorks users enhanced performance and more storage capacity.

- You can store more information on a hard disk.
- The hard disk allows applications and data to load and save very quickly.
- With Hard Disk Install, you will be able to store documents and Macintosh applications on a hard disk instead of using different application disks each time you wish to work.

The Hard Disk Install application, stored on the MacWorks System disk, enables you to access a hard disk attached to the Lisa parallel port—that is, either the internal 10 megabyte built-in drive that comes standard with the Lisa 2/10, or a ProFile attached to the external parallel port of a Lisa 2.

The MacWorks System disk also includes the Macintosh System folder, which contains files that tell your Lisa running MacWorks how to print, store Macintosh files, and execute other Macintosh commands.

Can I use Hard Disk Install with the Lisa Office System software?

Yes! Instructions for partitioning your hard disk between the Macintosh and Lisa environments are covered in the software installation portion (Chapter 6) of the Lisa Office System manual.

(Please note: Disk partioning is only available on Release 3.0 Lisa software or subsequent releases. Please check with your authorized Lisa Apple dealer for information regarding the Lisa software.)

How to Use the Hard Disk Install Application

You may choose to use your hard disk one of two ways:

1) As a Macintosh hard disk only; or

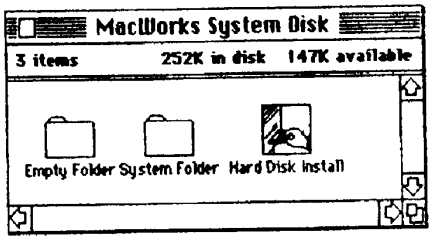
2) As a hard disk shared by the Macintosh and the Lisa Office System environments.

If you wish to store only Macintosh files on your hard disk, read on. If you wish to share your hard disk between Macintosh and Lisa, go to Creating a Lisa/Mac Shared Disk.

Creating a Macintosh Hard Disk Only

Once you've familiarized yourself with MacWorks and the basic Macintosh desktop and mouse concepts covered in the opening chapter of the MacWorks manual, you are ready to use the Hard Disk Install application.

■ After starting your system from the MacWorks disk, insert the MacWorks System disk into the drive. A few seconds later, the MacWorks System disk window will open on your desktop:



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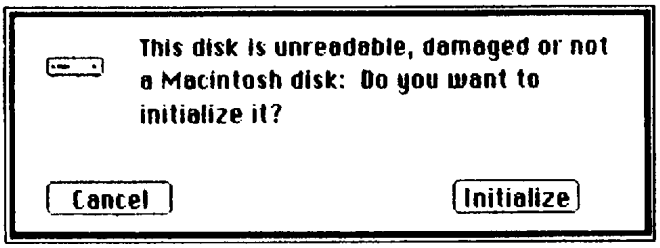
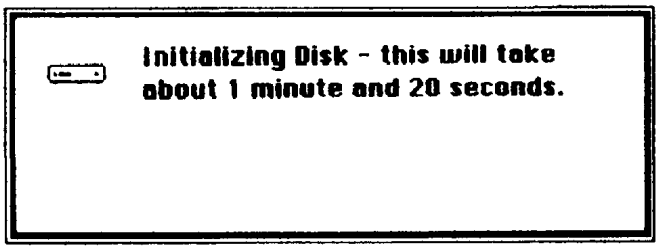
■ Open the Hard Disk Install tool by either double-clicking on its icon or by selecting it and choosing "Open" from the File menu. The application will recognize either a ProFile or a built-in 10 megabyte drive and present the following dialog box:



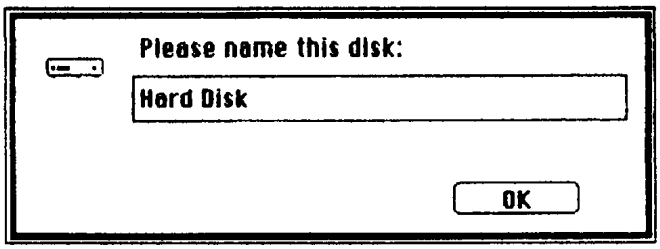
Clicking "Initialize" will erase the entire hard disk so you can use it as a Macintosh hard disk. Clicking "Cancel" will terminate the operation.

■ The program will then present the following dialog box:



The initialization process will take somewhere between 1 to 4 minutes, depending on the type of disk you are initializing.

■ Once the installation is complete, the program will ask you to name the hard disk:



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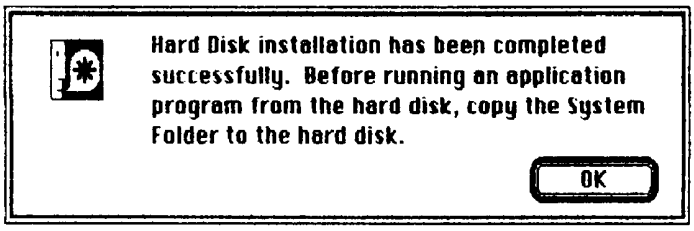
The default name for the disk is Hard Disk. If you want a different name, simply type in any name up to 27 characters long and click "OK."

In a few moments, the following dialog box will appear:

This operation modifies the system resource file on the MacWorks System disk so that the next time you use this diskette, the hard disk will automatically be installed:

■ You will then hear a beep and this final message should appear on your screen:



Copying the contents of the System Folder to the hard disk is necessary to run applications from the hard disk properly. To make the copy, simply select the System Folder icon and drag it over the new Hard Disk icon.

■ In the future when you wish to use the Macintosh portion of your hard disk, simply start up using the MacWorks disk; then insert the MacWorks System disk. The hard disk icon will appear on your screen and you're ready to go.

Creating a Lisa/Mac Shared Disk

To initialize a hard disk as a shared Lisa/Macintosh drive, you must first use the Lisa Office System install program (contained on the Lisa Office System I disk). This procedure is explained in the software installation portion (Chapter 6) of the Lisa Office System manual.

Please note: Disk sharing is only available on Release 3.0 Lisa software or subsequent releases.

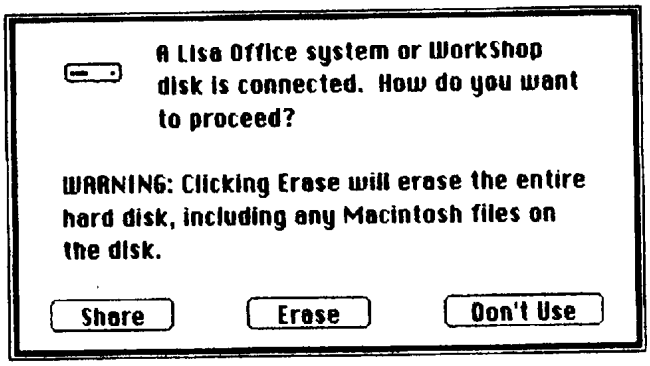
■ If you currently have Lisa Office System or Workshop files on your hard disk, first back up any files you wish to save onto diskettes. (Disk partitioning cannot save files already on stored on the hard disk.)

■ Now follow the step-by-step procedure outlined in Chapter 6 of the Lisa Office System manual for installing the new 3.0 software and partitioning the hard disk. You must choose "Erase" the hard disk in order to partition it.

■ After using the Lisa Office System install program and installing whatever Lisa software you desire, turn off your Lisa and restart your system with MacWorks.

■ When the icon of the disk with the flashing "?" appears on the screen, insert the Hard Disk Install disk into the drive.

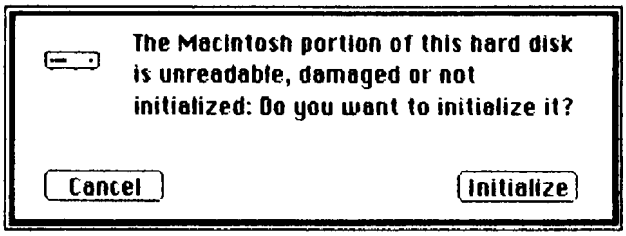
■ Open the Hard Disk Install application either by double-clicking on its icon or by selecting it and choosing "Open" from the File menu. The program should recognize the ProFile or the built-in drive as a Lisa formatted hard disk and present the following dialog box:



■ Click "Share" to indicate that free blocks on the disk are to be used for Macintosh files.

Clicking "Erase" will reinitialize the entire disk and wipe out all Lisa files; a second dialog box will appear and ask if you are sure you want to do this before the operation is actually executed. Clicking "Don't Use" lets you leave the hard disk as it is.

■ After clicking "Share," the program will scan the hard disk to find the area the Lisa Office System install program reserved for Macintosh use. The following dialog box will then appear:



Click "Initialize."

From this point on, the procedure is identical to that for creating a Macintosh hard disk only, as described in **Creating a Macintosh Hard Disk Only**.

Special Notes:

■ **Hard Disk Icon:** Your hard disk icon will sometimes resemble a 3½" diskette, other times your hard disk. The changing icon is a function of whether the last application you executed was on the hard disk or a 3½" diskette.

■ **Performance:** Your system will slow down considerably if you have more than 100 files stored on the hard disk.

■ **Copy-protected Software:** Copy-protected software cannot be started up from the hard disk; the program will always ask for the master diskette.

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030-1081-A

MacWorks
Update Notes and Errata

NOTICE

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Getting onto the Macintosh desktop

Starting up from the MacWorks diskette tells your Lisa that it is now functioning as a Macintosh. After the MacWorks diskette is ejected, an icon of a diskette with a flashing '?' is displayed on your Lisa screen. Now insert the Macintosh applications diskette you choose to work with (for example, MacWrite/MacPaint). The Macintosh software is then loaded and the Macintosh desktop is displayed.

Connecting the Imagewriter printer

Your Imagewriter printer must be connected to 'Device Serial B' on your Lisa in order to print when using MacWorks. (The Lisa serial B port corresponds to the printer port on a Macintosh.)

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"LisaIntroToMacWorks 09.PICT" 145 KB 1999-02-01 dpi: 360h x 367v pix: 2268h x 3371v